

Industry Day 2013

Integrity - Service - Excellence



Operations Directorate

Colonel Andrew Lambert
Operations Director



Mission & AORs

❖ Mission

- ❖ Provide direct technical, managerial and training expertise to the Air Force civil engineer community with emphasis on Operations and Maintenance of the built environment

❖ Areas of Responsibility

- ❖ CE Maintenance, Inspection & Repair Team (CEMIRT)
- ❖ Engineer
- ❖ Asset Visibility
- ❖ Operations Maintenance
- ❖ Force Development



CE Maintenance, Inspection & Repair Team (CEMIRT)

❖ Depot Level Maintenance

- ❖ Aircraft Arresting Systems**
- ❖ MEP-12s (Mobile 750kW generators)**

❖ Specialized Maintenance

- ❖ HVAC maintenance, repair and retro-commissioning**
- ❖ Electrical Dist Sys: IR scan, relay calibration, bkr mx**
- ❖ Generators: PMIs, load banking and repair**
- ❖ ICS certification & accreditation, enterprise-wide solutions**



Engineer Support Division

- ❖ **What we offer... Operations, Maintenance & Design focused, one-deep subject matter experts in...**
 - ❖ **Facilities Engineering**: AT/FP, fire protection, life safety, roofing, seismic/wind, cost engineering, corrosion, aircraft arresting systems, airfield markings, pest management, and grounds maintenance
 - ❖ **Civil**: Structural, pavements, low impact development (storm water), water/wastewater (domestic & industrial), seismic, and geotechnical
 - ❖ **Electrical**: High voltage electrical, generator, lightning protection, airfield lighting, and cathodic protection
 - ❖ **Mechanical**: HVAC, fire suppression, boilers, gas, plumbing, industrial water, and fuels
 - ❖ **Develop and advise on over 300 design, construction and O&M standards and criteria for facility and infrastructure systems**
 - ❖ **Partnerships: NFPA, ASHRAE, NATO, ASCE, IEEE, AWAA, NACE, NPMA, FAA, FHWA, HASHTO, EPA, USDA**
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Operations Maintenance Division

❖ Operations Management Support

- ❖ Preventative Maintenance Overhaul
- ❖ Service Contract Standards (custodial, refuse, grounds)
- ❖ Next Generation IT advisors
- ❖ Operations Flight management interface (labor utilization, financial management)

❖ Strategic Sourcing Initiatives

- ❖ Conducted with Enterprise Sourcing Group at Wright Patterson AFB
- ❖ Runway Rubber Removal
- ❖ Roofing



Asset Visibility Division

❖ Asset Visibility Team

- ❖ Recurring assessments of AF infrastructure
- ❖ Data supports efficient asset management principles
- ❖ Energy Audits per EISA '07
- ❖ Manage ongoing Sustainable Infrastructure Assessments

❖ Airfield Pavement Evaluation Team

- ❖ Structural, PCI, Friction and Anchor evaluations worldwide



Force Development Division

- ❖ **Career Field Management for 9 AF Specialty Codes**
 - ❖ **Career field and contingency training**
 - ❖ **Develop life-cycle training for 21K total for civil engineers**
 - ❖ **Exploring 3rd party vendor training to augment corporate AF training programs**
 - ❖ **Reach back support as career field technical experts**
 - ❖ **Oversee the CE Operations Flight Air Force Manpower Study**
 - ❖ **Inspection checklists monitors for functional areas**
 - ❖ **WRM BEAR Acquisition/Maintenance Program**



Priorities & Opportunities

❖ Priorities

❖ Opportunities

- ❖ Runway Rubber Removal
- ❖ Roofing

❖ Non Opportunities

- ❖ Software
- ❖ SIA

QUESTIONS?

